



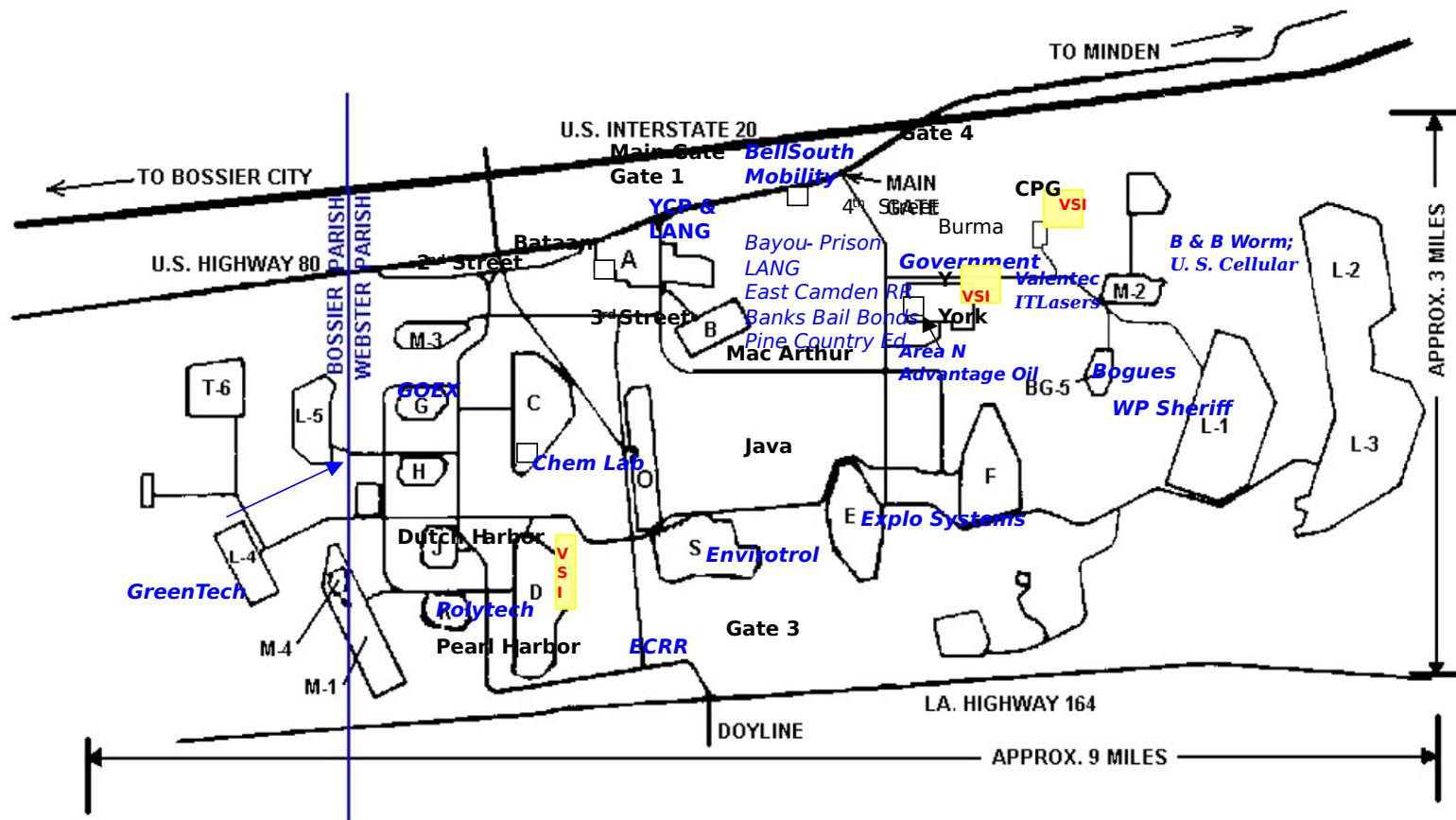
40mm Illumination
Capabilities



Valentec Systems, Inc.

Louisiana Army Ammunition Plant

14,974 ACRES





Louisiana AAP

A Valentec Success

- ▲ **1 Million Sq Ft Leased**
- ▲ **400 Employed**
- ▲ **19 Tenants**
- ▲ **LA National Guard**

Youth Challenge Program

- ▲ **Manufacturing**
- ▲ **Parrish Prison**
- ▲ **Service Companies**
- ▲ **Telecommunications**
- ▲ **www.nwlcc.com**

Government Income Exceeds Cost



VSI Facility Use Accomplishments

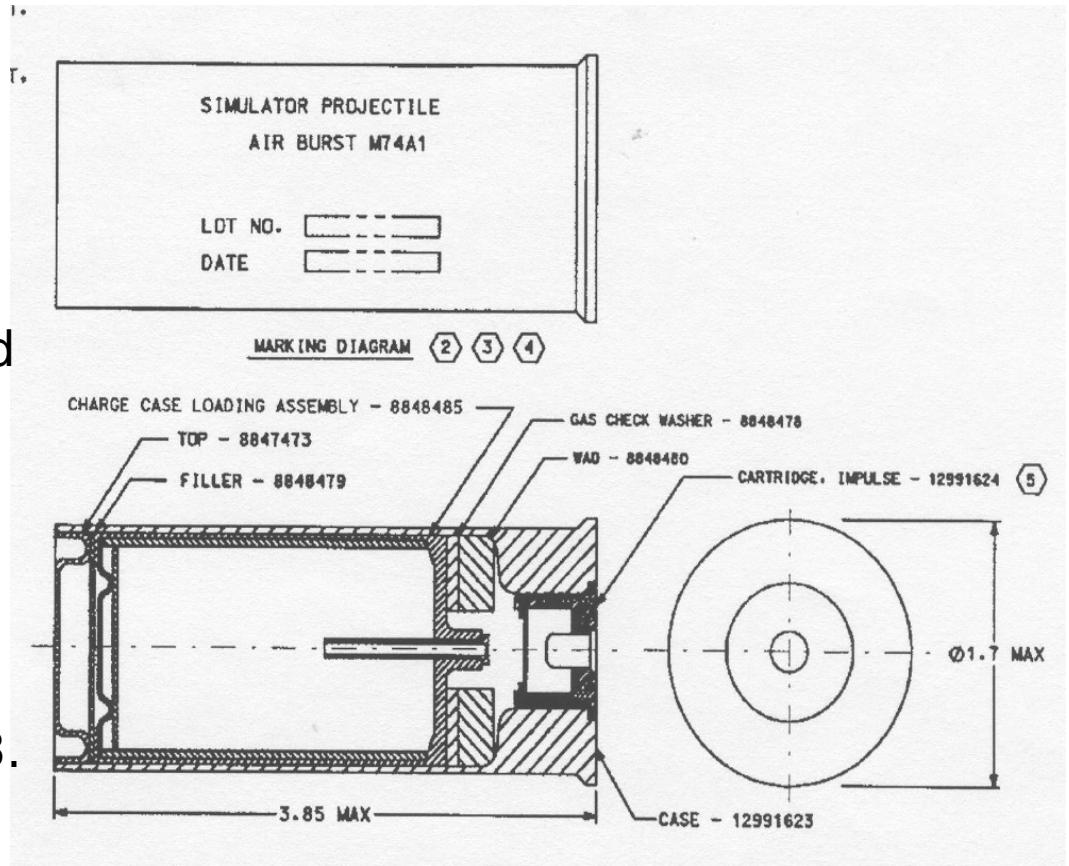
- **Government Revenues**
 - CY 2002 \$2.10M (Actual)
 - CY 2003 \$2.25M (Actual)
- **Zero Cost Army Facility**
 - Maintenance of “Y” Line
(Laid away for Artillery Shell
Mobilization)
- **400 Jobs - \$12M in Tenant Payroll**

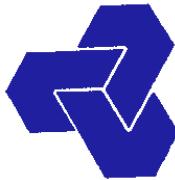


M74A1 Simulator

This newly redesigned simulator simulates the air burst of artillery fire for training of troops. It is fired from a M8 Signal Pistol.

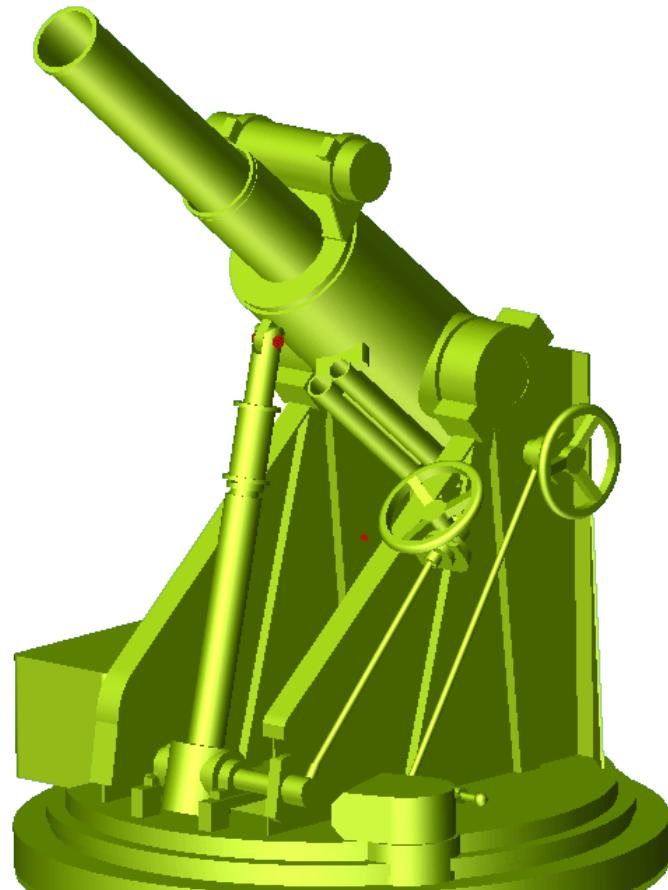
The US Army awarded VSI contract 30 April, 2003.





Keshet 120mm Mortar System

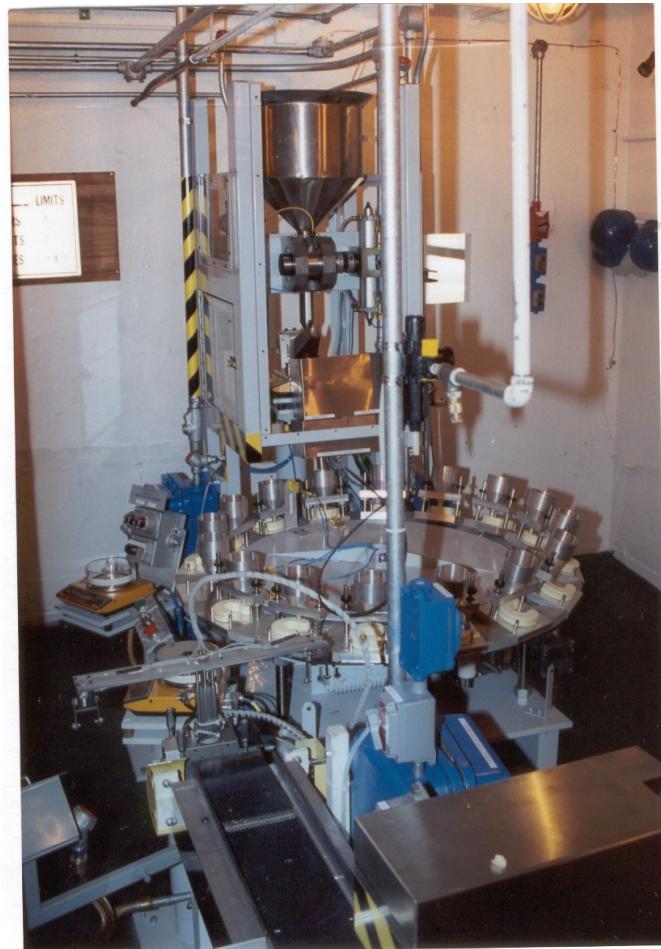
The 120mm Vehicle Mounted Mortar System is one of VSI's largest Systems contracts to date. Vehicle modification, weapon assembly and integration will be accomplished at LAAAP. The end user will be the Israeli Defense Forces. This program was won through the use of Foreign Military Funds.





60mm, 81mm and 120mm Mortar Increment Loading

VSI currently loads 60mm M235 Mortar Increment at Radford Army Ammunition Plant. Capabilities at Radford extend from 60mm through to 120mm mortars. Pictured here is automated loading station.



Valentec Facility Capabilities

- **Muller Mixing**
- **Blending**
- **Granulation**
- **Pressing - Pellets, Candles, Primers**
- **Propellant Loading**
- **Environment Controlled LAP Facilities**
- **Light Test Tunnel**
- **Test Range**
- **Chemical Analysis Lab**
- **24 Hour Security**
- **Explosive Storage Areas**

40mm Illuminant Products

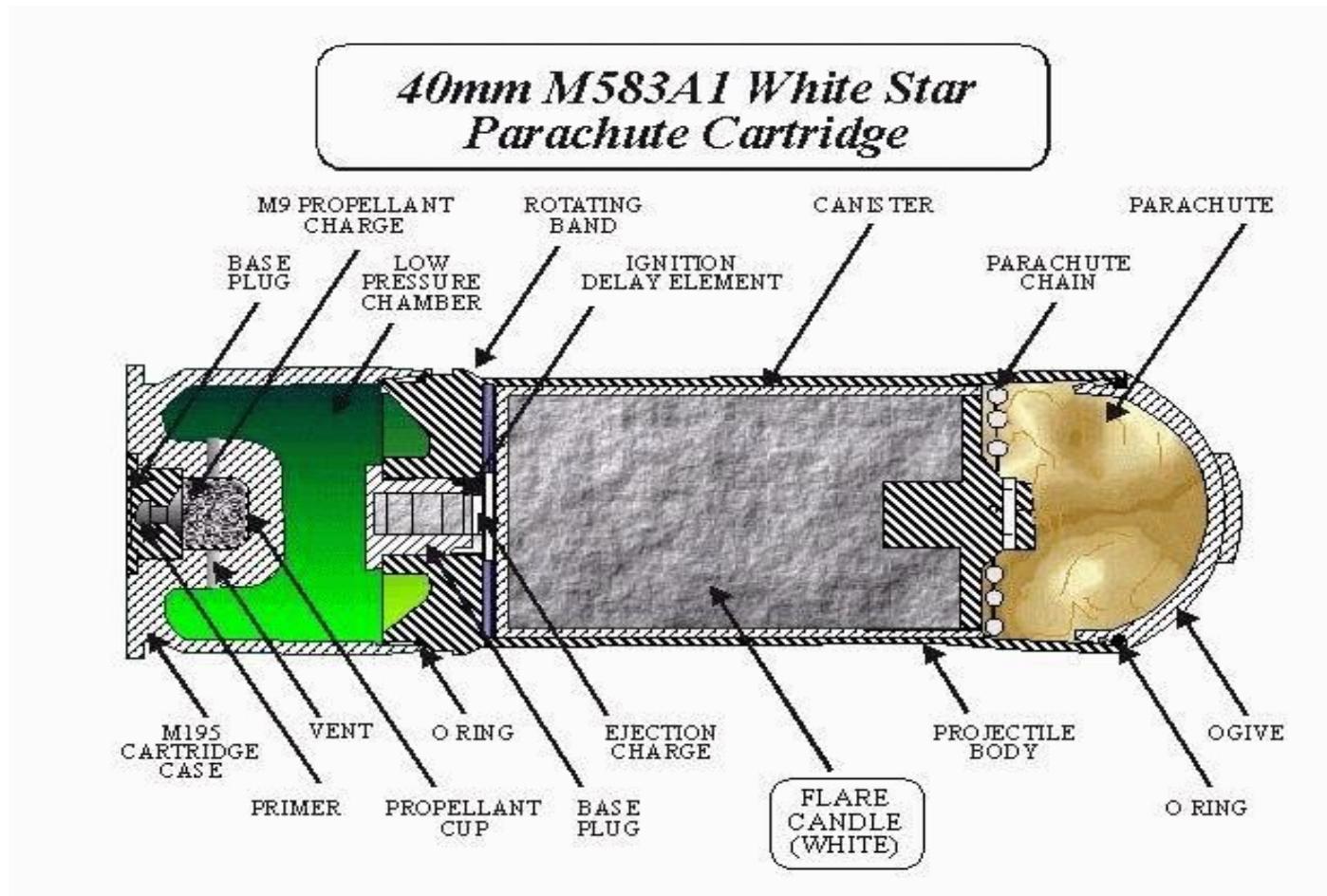
- M583A1 White Star, Parachute
- M585 White Star, Signal
- M661 Red Star, Parachute
- M662 Green Star, Parachute
- M792 Near IR , Parachute

Valentec
40mm M583A1
Contracts

Government of Israel
(2002/3)

US ARMY (2004)

M583A1 White Star Parachute



M583A1 Production Status

- GOI
 - 2002 Complete
 - 2003 Complete
- US Government
 - FAT February
 - Delivery June 2004 or Earlier

GOI 40MM M583A1

First Article Testing (FAT) Performance

<u>Performance Requirements</u>	<u>Contractual Requirement</u>	<u>Actual Results</u>	<u>Above Criteria</u>
FAT Tunnel Test - 80 Candles			
• Candle Illumination	70,000 CP	146,000 CP	208%
FAT Flight Test - 460 Units			
• Burn Time	30 Seconds	41 Seconds	137%

CP = Candle Power

FAT - 5/20/03

-Valentec Provides High Quality Performance-

Valentec Advantages

- Proven 40mm Illuminant Manufacturer with experienced staff (Ex-Longhorn AAP)
- Active Facilities with Expansion Capability
- ISO Compliant
- “Best Value”
- Small Business
- Competitive Pricing